

# Shaharuddin Salleh

## List of Publications by Year in descending order

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48  
papers

482  
citations

686830

13  
h-index

752256

20  
g-index

51  
all docs

51  
docs citations

51  
times ranked

321  
citing authors

#	ARTICLE	IF	CITATIONS
1	Routing problem in rectangular mesh network using shortest path based Greedy method. Journal of Physics: Conference Series, 2019, 1358, 012079.	0.3	1
2	Solving Priority-Based Target Coverage Problem in Directional Sensor Networks with Adjustable Sensing Ranges. Wireless Personal Communications, 2017, 95, 847-872.	1.8	19
3	Haralick texture and invariant moments features for breast cancer classification. AIP Conference Proceedings, 2016, , .	0.3	6
4	Free Vibration of Cross-Ply Laminated Plates with Variable Thickness Based on Shear Deformation Theory. International Journal of Computational Methods, 2016, 13, 1650016.	0.8	4
5	A new learning automata-based approach for maximizing network lifetime in wireless sensor networks with adjustable sensing ranges. Neurocomputing, 2015, 153, 11-19.	3.5	32
6	Scheduling algorithms for extending directional sensor network lifetime. Wireless Networks, 2015, 21, 611-623.	2.0	18
7	A Learning Automata-Based Solution to the Priority-Based Target Coverage Problem in Directional Sensor Networks. Wireless Personal Communications, 2014, 79, 2323-2338.	1.8	21
8	Simulated Annealing Technique for Routing in a Rectangular Mesh Network. Modelling and Simulation in Engineering, 2014, 2014, 1-7.	0.4	3
9	An extended partitioning technique to transform trees into single-row networks. Applied Soft Computing Journal, 2014, 22, 483-491.	4.1	0
10	Solving Target Coverage Problem Using Cover Sets in Wireless Sensor Networks Based on Learning Automata. Wireless Personal Communications, 2014, 75, 447-463.	1.8	37
11	Local coverage measurement algorithm in GPS-free wireless sensor networks. Ad Hoc Networks, 2014, 23, 1-17.	3.4	21
12	Heuristic methods to maximize network lifetime in directional sensor networks with adjustable sensing ranges. Journal of Network and Computer Applications, 2014, 46, 26-35.	5.8	32
13	A new method for evaluating decision making units in DEA. Journal of the Operational Research Society, 2014, 65, 694-707.	2.1	12
14	Extended Advancing Front Technique for the Initial Triangular Mesh Construction on a Single Coil for Radiative Heat Transfer. Arabian Journal for Science and Engineering, 2013, 38, 2245-2262.	1.1	2
15	A new robust mixed integer-valued model in DEA. Applied Mathematical Modelling, 2013, 37, 9885-9897.	2.2	15
16	Learning Automata-Based Algorithms for Solving the Target Coverage Problem in Directional Sensor Networks. Wireless Personal Communications, 2013, 73, 1309-1330.	1.8	25
17	Learning automata-based algorithms for finding cover sets in wireless sensor networks. Journal of Supercomputing, 2013, 66, 1533-1552.	2.4	20
18	A learning automata-based algorithm for solving coverage problem in directional sensor networks. Computing (Vienna/New York), 2013, 95, 1-24.	3.2	32

#	ARTICLE	IF	CITATIONS
19	Utilizing distributed learning automata to solve the connected target coverage problem in directional sensor networks. <i>Sensors and Actuators A: Physical</i> , 2013, 198, 21-30.	2.0	27
20	A note on integer-valued radial model in DEA. <i>Computers and Industrial Engineering</i> , 2013, 66, 199-200.	3.4	12
21	A learning automata-based solution to the target coverage problem in wireless sensor networks. , 2013, , .		4
22	Nonlinear Arash Model in DEA. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2013, 5, 4268-4273.	0.1	4
23	MATIN: A Random Network Coding Based Framework for High Quality Peer-to-Peer Live Video Streaming. <i>PLoS ONE</i> , 2013, 8, e69844.	1.1	14
24	SHORTEST PATH TECHNIQUE FOR SWITCHING IN A MESH NETWORK. <i>International Journal of Modern Physics Conference Series</i> , 2012, 09, 488-494.	0.7	0
25	Partitioning technique for transforming perfect binary trees into single-row networks. <i>Japan Journal of Industrial and Applied Mathematics</i> , 2012, 29, 317-330.	0.5	1
26	EF-MPR, a new energy eEfficient multi-point relay selection algorithm for MANET. <i>Journal of Supercomputing</i> , 2012, 59, 744-761.	2.4	11
27	Neighborhood discovery in a wireless sensor networks. , 2011, , .		0
28	Ad-hoc network design with multiple metrics using Taguchi's loss function. , 2011, , .		3
29	Vehicular Ad Hoc Networks. <i>International Journal of Vehicular Technology</i> , 2011, 2011, 1-2.	1.1	1
30	A CONCEPTUAL MODEL OF INTEGRATING SENSOR NETWORK AND RADIATIVE HEAT TRANSFER EQUATION FOR ETHYLENE FURNACE. , 2010, , .		0
31	A distributed probabilistic arbitration in sensors integration. , 2010, , .		0
32	A Probabilistic Routing Protocol in VANET. <i>International Journal of Mobile Computing and Multimedia Communications</i> , 2010, 2, 21-37.	0.4	1
33	Real-Time Divisible Load Theory: A Perspective. , 2009, , .		0
34	A probabilistic routing protocol in VANET. , 2009, , .		7
35	Dynamic Single-Row Routing Technique for Channel Assignments. , 2009, , .		4
36	Evaluation of a linear programming approach towards scheduling divisible real-time loads. , 2008, , .		6

#	ARTICLE	IF	CITATIONS
37	Emergent Behavior in Massively-Deployed Sensor Networks. Mobile Information Systems, 2008, 4, 313-331.	0.4	1
38	The Use of Taguchi Method to Determine Factors Affecting the Performance of Destination Sequence Distance Vector Routing Protocol in Mobile Ad Hoc Networks. Journal of Mathematics and Statistics, 2008, 4, 194-198.	0.2	13
39	Hybrid Training with Binary Search Protocol for Wireless Sensor Networks. Mobile Information Systems, 2007, 3, 233-249.	0.4	2
40	Single-row mapping and transformation of connected graphs. Journal of Supercomputing, 2007, 39, 73-89.	2.4	8
41	Hybrid Method for Digits Recognition using Fixed-Frame Scores and Derived Pitch. IFMBE Proceedings, 2007, , 72-76.	0.2	0
42	SPLAI: Computational Finite Element Model for Sensor Networks. Mobile Information Systems, 2006, 2, 77-92.	0.4	2
43	Multi-training sensor networks with bipartite conflict graphs. , 2006, , .		1
44	Single-Row Transformation of Complete Graphs. Journal of Supercomputing, 2005, 31, 265-279.	2.4	5
45	A Neural Network Model For The Common Due Date Job Scheduling On Unrelated Parallel Machines. International Journal of Computer Mathematics, 2003, 80, 845-851.	1.0	4
46	Enhanced Simulated Annealing Technique for the Single-Row Routing Problem. Journal of Supercomputing, 2002, 21, 285-302.	2.4	12
47	Scheduling in Parallel Computing Systems. , 1999, , .		18
48	Multiprocessor scheduling using mean-field annealing. Future Generation Computer Systems, 1998, 14, 393-408.	4.9	13